Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 30 Aug 2021 until 23:59 on Tuesday 31 Aug 2021

Forecast Issued on Sunday 29 Aug 2021 at 14:41

Confidence: High for dry and settled weather through the forecast period but lower confidence for cloud amounts from day to day.

Headline for Monday 30 Aug 2021: Cloudy morning, brighter in the afternoon and evening. Light northeasterly winds.

Mountain weather hazards on Monday 30 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Dull	Cloudy	Cloudy	Sunny intervals	Sunny intervals
Precipitation probability							
10%	10%	10%	30%	20%	10%	10%	10%

Forecast for Monday 30 Aug 2021

Weather: Cloudy overnight with cloud covering the highest of hilltops. A cloudy start on Bank Holiday Monday. Brightening up through the afternoon, especially in the west, though cloud may struggle to fully break. Feeling cool on the tops in the northeasterly breeze.

Chance of cloud free mountain/hill tops above 600m: 40% at first becoming 80% by early afternoon.

Visibility: Areas of low cloud down to 500-600m at first giving a few hours of fog on the tops. Improving by late morning with visibility becoming very good at all levels as the cloud lifts and breaks into the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 30 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 NE	14/21 NE	15/22 NE	16/22 NE	15/21 NE	15/22 NE	16/22 NE	16/23 NE	15/22 NE
300	8/13 NE	7/13 NE	9/14 NE	12/17 NE	12/17 NE	12/19 NE	12/18 NE	11/18 NE	9/14 NE
Valley	6/14 NE	5/13 NE	6/14 NE	9/17 NE	9/17 NE	10/19 NE	9/18 NE	9/19 NE	7/16 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	8/5	8/5	9/6	11/8	12/9	11/8	9/6	8/5
300	11/10	11/10	11/9	12/10	14/12	15/13	14/12	12/10	11/9
Valley	12/11	11/11	12/10	14/12	16/14	17/15	14/13	13/11	11/10
Freezing Level*	2800m	2800m	2800m	2800m	2700m	2600m	2500m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some warm layers alongside waterproofs will need to be included in the pack as it will feel quite chilly on the tops in the northeasterly breeze, especially under any low cloud and drizzle in the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 28 Aug 2021	0.2mm	0.2mm	0.4mm

Forecast for Tuesday 31 Aug 2021

Weather: Another mostly cloudy start with outbreaks of drizzle or light rain. Sunny spells will develop, especially during the afternoon. Feeling cool on the tops.

Maximum wind: Northeast 10-15mph, gusts 20mph.

Chance of cloud free mountain/hill tops above 600m: 40% at first, becoming 80% by the afternoon.

Visibility: Generally good. Some patchy drizzle and low cloud down to 500m at first reducing visibility to moderate or poor, but this soon clearing in the morning.

Temperature: **Valleys:** Plus 10 Celsius rising to plus 17 Celsius.
At 600m: Plus 9 Celsius rising to plus 13 Celsius.
Freezing level: Above the tops.

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